

Appl. No. 10/711,538
Amtd. dated March 14, 2006
Reply to Office action of December 16, 2005

REMARKS

Claim 20, line 1, is objected to because of informalities. “The method of claim 9” should read – The method of claim 19 --

Applicant has amended claim 20 to be dependent on claim 13 instead of claim 9.

5 No new matter is entered.

Allowable Subject Matter: Claims 5-7 and 17-19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 9-12 are allowed.

10 Applicant has amended claim 1 to include all the limitations of dependent claim 6 as was stated as being allowable by the Examiner. Claims 6 is correspondingly cancelled and claim 7 is amended to be dependent on claim 1. No new matter is entered.

Claim 10 is amended to delete the unnecessary word “controlled”. No new matter is entered.

15 Applicant has amended claim 13 to include all the limitations of dependent claim 18 as was stated as being allowable by the Examiner. Claim 18 is correspondingly cancelled. No new matter is entered.

New Claims

20 New claims 21 to 23 are added based on original claims 1 to 8. New independent claim 21 is formed by including all the limitations of dependent claim 5 and intervening claims 3 and 4 into claim 1 as was stated as being allowable by the Examiner.

New claims 24 to 27 are added based on original claims 13 to 20. New independent claim 24 is formed by including all the limitations of dependent claim 17 and intervening

25 claims 15 and 16 into claim 13 as was stated as being allowable by the Examiner. New independent claim 27 is formed by including all the limitations of dependent claim 19 into

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claim 13 as was stated as being allowable by the Examiner. No new matter is entered.

New claims 28 to 30 are added. New claim 28 states that "the converter comprises: a transistor; and an inductor coupled to the transistor in series". No new matter is entered. For example, refer to paragraph [0023] of the original specification as filed, which states, "The 5 voltage to current transformer 40 shown in Fig.2 is implemented by an n-channel Metal-Oxide Semiconductor (NMOS) transistor 42 and an inductor 44". Applicant points out that Bartlett et al., Meck et al., and Segawa fail to teach or suggest "the converter comprises: a transistor; and an inductor coupled to the transistor in series". Therefore, applicant asserts that currently independent claims 28 should not be found anticipated by Bartlett et al. or Meck et 10 al. or Segawa. As claims 29 and 30 are dependent on independent claim 28, if new claims 28 is found allowable, so too should the corresponding dependent claims.

Sincerely yours,

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